



**Improve Safety,
Slash Costs.**

Revolutionizing Security: The AI-Powered Future of

HEALTHCARE

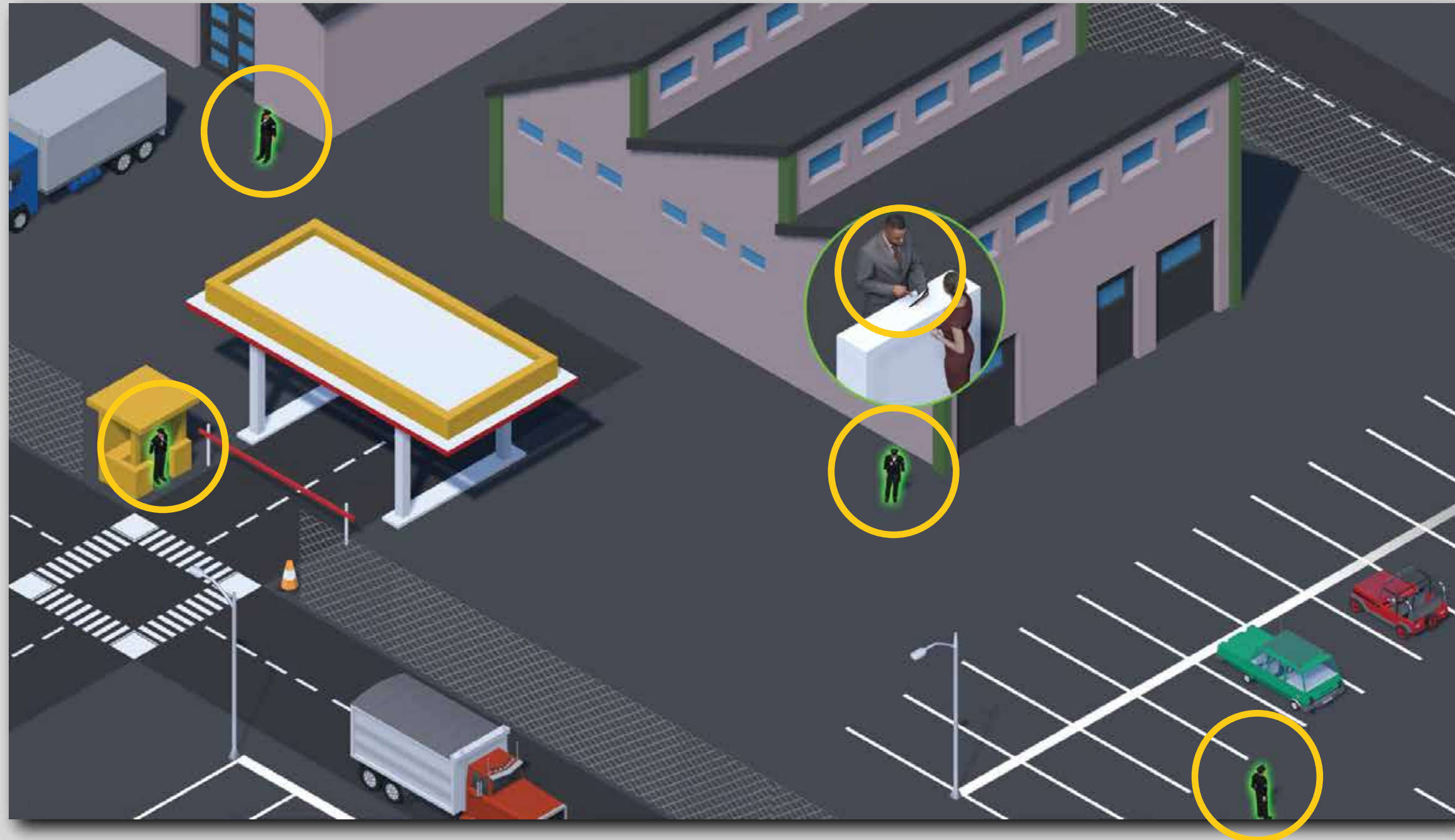
Featuring ROSA™, RIO™, RAD Light My Way™, AVA™, TOM™, ROSS™, and ROAMEO™

RIO 360 positioned
outside a hospital,
providing an extra layer
of safety & security.



Can You Spot the Locations Where Costs Can Be Slashed?

(Hint, we've circled the excessive costs on the left in yellow, the savings are shown on the right highlighted in green)



Healthcare Facilities Without RAD



5 guards performing duties better suited for today's smart robotic devices.

Annualized Cost = \$946,400
@ \$25 per hour



Healthcare Facilities With RAD

A fleet of 8 RAD autonomous robotic security robots doing the work 5 guards once did.

Annualized Savings = \$802,952
A Savings of 85%




ROSA: Security Where and When You Need It.

ROSA (Responsive Observation Security Agent) Advancing Healthcare Facility Security

Healthcare facilities frequently face challenges like unauthorized entry, loitering, or suspicious activities, which can potentially jeopardize staff and visitor safety. ROSA is specifically crafted to identify and react to such situations proactively. Its persistent analytic capabilities can be customized to trigger alerts based on the unique needs of a healthcare facility and even the time of day, ensuring both flexibility and precision. Should an individual exhibit concerning behavior within ROSA's surveillance area, the system can initiate visual and audible alarms, drawing immediate attention and potentially preventing security breaches. Moreover, its seamless integration with on-site security personnel or remote monitoring centers means that ROSA not only spots potential issues but also aids in prompt and effective interventions, making it an invaluable tool for contemporary healthcare security.

- **Autonomous intelligent response is a real deterrent**
- **Includes range of AI analytics to drive autonomous responses:**
 - Human detection
 - Vehicle detection
 - Firearm detection
 - PPE detection
 - License plate recognition
- **Same platform as RAD's RIO/AVA/TOM for operator ease of use**
- **Compact, optimized cellular driven (no IT required)**
- **Same platform as RAD's ROSA/AVA/TOM for operator ease of use**
- **Compatible with RAD Light My Way™**



	Easily Deployed	Costs Less than \$2 @ Hour	An Effective Deterrent	On Duty 24/7
ROSA	✓	✓	✓	✓
Guard	✗	✗	✗	✗




[View ROSA Demonstration Video](#)

A single ROSA device keeps watch over a busy medical center.

RIO: Portable, Mighty, and Tailored for Healthcare Security Demands

The necessity for adaptable, portable security solutions is more critical than ever in healthcare, as conventional methods fall short in addressing contemporary security exigencies. RAD steps forward in this space, presenting its groundbreaking and cost-effective **RIO (ROSA Independent Observatory)**, offered in two distinct models: **RIO 180 and RIO 360**.

Central to the RIO's effectiveness is ROSA, the multiple award-winning security marvel celebrated for its autonomous detection capabilities. Whether it's deterring trespassers or responding to other property intrusions, ROSA functions flawlessly without necessitating human intervention. Now, coupled with the **RIO Solar Tower**, ROSA's prowess is set to scale greater heights at healthcare facilities nationwide.

	Affordable	AI Analytics	Autonomous Responses	EZ Deployment
RIO 360 	✔	✔	✔	✔
Legacy Systems 	✘	✘	✘	✘
Guards 	✘	✘	ⓧ?	✘

[View RIO Demonstration Video](#)



- More functionality & less cost vs. competitors
- Autonomous intelligent responses eliminate problems
- Includes range of AI analytics to drive autonomous responses:
 - Human detection (trespassing, loitering, etc.)
 - Vehicle detection (trespassing, wrong parking)
 - Firearm detection
 - PPE detection
 - License plate recognition
- Intelligent messaging allows for smart staff and visitor communications
- Same platform as RAD's ROSA/AVA/TOM for operator ease of use
- Compatible with RAD Light My Way™

Leading Affordability in the Market

RIO 360 with its tandem ROSA configuration protecting a medical lab facility.



RIO 360 with its tandem ROSA configuration

4 Solar Panels on RIO 360

Which RIO Is Right for Your Healthcare Facility?

In the context of healthcare facilities, where extensive premises, numerous entry points, and invaluable assets are the norms, customized security solutions are indispensable. Among RAD's premier offerings are **RIO 360** and **RIO 180**.

Leading the pack, the **RIO 360** comes equipped with **tandem ROSAs** and four solar panels, delivering a comprehensive 360-degree view that ensures complete perimeter surveillance without any blind spots. On the other side, the **RIO 180**, which incorporates a **single ROSA device** and two solar panels, provides a wide 180-degree field of view, perfectly suited for monitoring designated areas or main entrances. The ROSA controlled solar panels ensure uninterrupted operations, even in places with limited sunlight. Both models serve as an extension of your facility's commitment to safety, leveraging technology to enhance peace of mind for both staff and visitors.

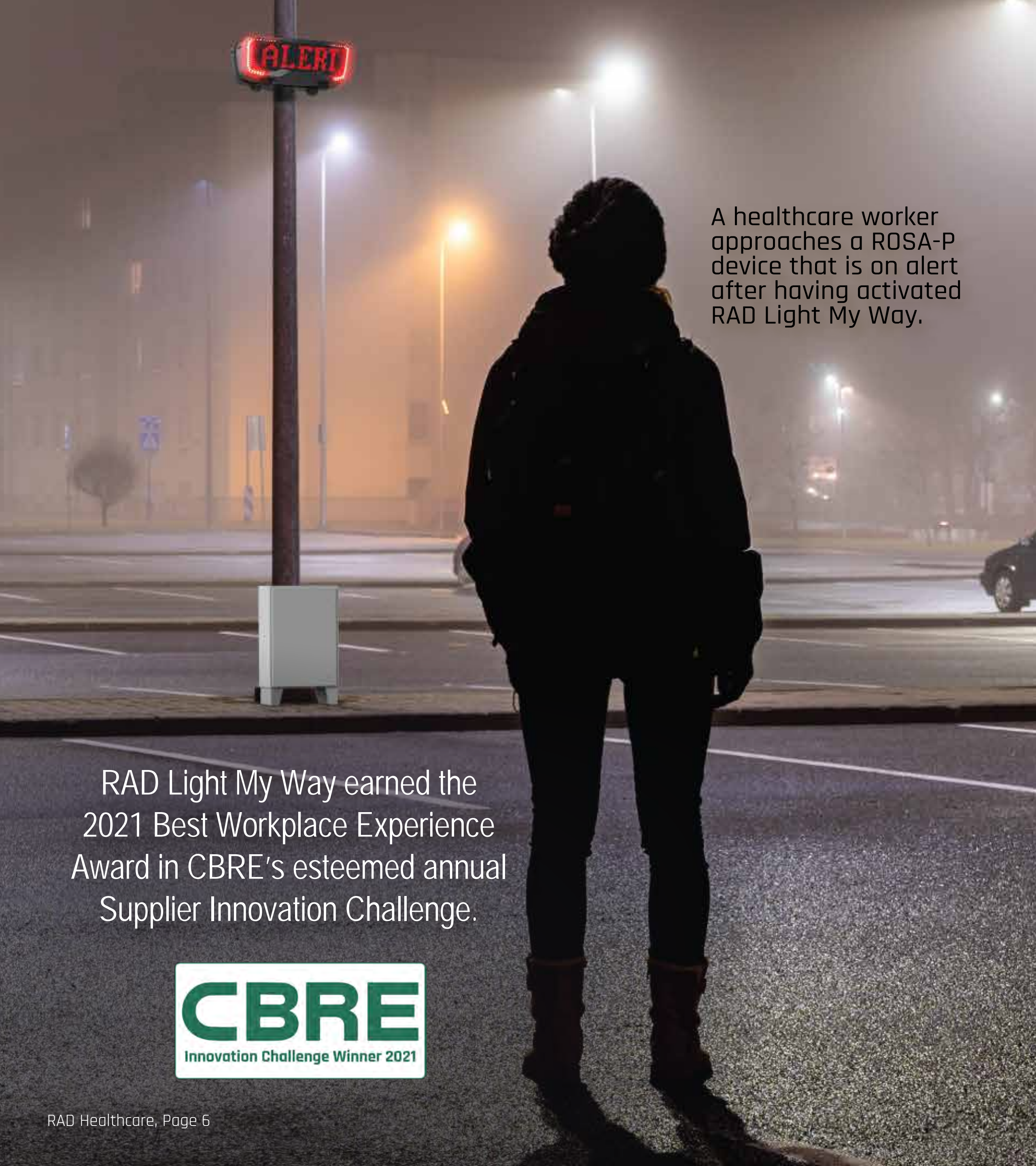
	Affordable	AI Analytics	Autonomous Responses	EZ Deployment
RIO 360 RIO 180	✓	✓	✓	✓
Legacy Systems	✗	✗	✗	✗

[Request a RIO Demonstration](#)



RIO 180 with its single ROSA configuration

2 Solar Panels on RIO 180



A healthcare worker approaches a ROSA-P device that is on alert after having activated RAD Light My Way.

RAD Light My Way earned the 2021 Best Workplace Experience Award in CBRE's esteemed annual Supplier Innovation Challenge.



RAD Light My Way™

Peace of Mind, In the Palm of Their Hands

RAD Light My Way presents healthcare security professionals with a pioneering approach to enhance safety and security within their premises. This unique innovation empowers your staff by melding cost-effective, smart, interactive technology with a user-friendly mobile app, alongside live remote monitoring, and response services, adapting a proactive security stance.

At the core of the Light My Way initiative is RAD's array of artificial intelligence infused security robotic devices. Each unit is equipped with high-definition cameras, detection capabilities for humans and vehicles, license plate recognition, interactive digital signage and audio messages, lights, sirens, and direct two-way communication channels with remote security personnel. These devices stand as a testament to technological advancement, capably undertaking numerous roles typically reserved for on-site human security teams.

In the sensitive context of healthcare, where security reassures both staff and patient well-being, RAD Light My Way redefines protection standards, especially after dark. It enhances a facility's ability to prevent potential incidents, manage emergencies, and overall, maintain a secure environment conducive to health and healing.

[View the RAD Light My Way Explainer Video](#)



The Healthcare Industry Embraces RAD's Safety & Security Solutions

Scotland Memorial Hospital, in Laurinburg, NC, exemplifies the healthcare industry's growing inclination towards innovative safety solutions by integrating RAD Light My Way along with multiple ROSA devices. Chief of Operations Dr. David Pope succinctly expressed the urgency behind this technological shift: **"It was a wakeup call that we needed to enhance our security."** This proactive initiative isn't just about monitoring the premises but actively deterring potential threats. Pope is clear about the intent: **"I want to make sure that if somebody in this part of town wants to do something bad, they're going to do it somewhere else."** The deployment of these advanced systems demonstrates the industry's commitment to creating a secure environment, leveraging technology's preventive and protective capabilities.

The move towards such advanced security measures, particularly in vulnerable settings like hospitals, signifies a broader industry trend. The adoption of RAD's systems goes beyond surveillance, offering peace of mind and safety assurance to staff, a sentiment that Pope echoes strongly: **"Our most valuable asset is our staff. They see we're taking steps to make them safer."** This strategy reflects a deep investment in the well-being of healthcare providers and patients alike, affirming that within healthcare spaces, the security of individuals is paramount, resonating with the sector's overarching ethos of care and protection.

"With labor shortage hitting healthcare particularly hard, making workers feel safe is critical to successful hiring and reducing attrition. Thanks to RAD Light My Way, we won't lose team members because they're afraid to walk to their car at night."

[Request a Virtual Demonstration](#)



A ROSA device keeps a keen eye on this nurse's journey from her car to the facility, keeping the area safe and secure.

AVA (Autonomous Verified Access) Pioneering Advanced Access Control

In the healthcare sector, security is a crucial element in maintaining a protected environment for staff, deliveries and visitors. Enter AVA (Autonomous Verified Access) - a groundbreaking innovation tailored for this industry. Unlike the conventional security guard armed with just a clipboard, AVA provides an advanced layer of surveillance and access control, harnessing the best of AI and autonomous technology to revolutionize how logistics centers safeguard access at their gates.

The **cost-effectiveness** of AVA is another feather in its cap. No longer do logistics hubs need to invest heavily in human personnel when AVA can perform most routine duties with unmatched precision, and at a fraction of the price.

- **AVA replaces / supplements traditional guards at gates**
- **Access control with precision**
- **Simple and convenient driver operations**
- **Flexible workflow options**
- **Compact, optimized cellular driven (no IT required)**
- **Integrates with dispatch & yard management systems**
- **Anti-tailgating features built in**
- **Multiple monitoring options**
- **Same platform as RAD's ROSA/RIO/TOM for operator ease of use**
- **Compatible with RAD Light My Way™**

[View AVA Demonstration Video](#)

AVA at a medical center gate providing smart, verified access.

AVA's prowess was acknowledged at ISC West 2022, where it clinched the SIA New Products and Solutions Award in the Access Control category.



- Manage drivers, visitors & staff access to secure areas
- Integrates with access control systems & electric doors
- Multiple remote human monitoring options
- Easy user interface
- Flexible workflow for drivers, staff, visitors
- Driver's license, employee badge, QR code, bar code reader
- Easy Wi-Fi connectivity
- Same platform as RAD's AVA/RIO/ROSA for operator ease of use
- Cloud-based secure storage of data
- Compatible with RAD Light My Way™



TOM in a medical clinic's lobby welcoming visitors and employees.

TOM (The Office Manager): Re-imagining Lobby Management

In any professional environment, the first point of contact often sets the tone for all subsequent interactions. RAD introduces TOM - The Office Manager, **designed to revolutionize your business's first impression.** TOM is not just any tablet; it's a sophisticated tabletop device, expressly crafted for lobbies, ensuring seamless reception and processing of both employees and visitors.

The brilliance of TOM lies in its multifunctional capabilities. Its primary role? Unattended access control, integrating effortlessly with doors, gates, and even printers. But TOM isn't just about access. The device boasts 2-way audio and video communication, empowering visitors with instant connectivity. Its high-definition touch screen interface is both intuitive and user-friendly. Customizable welcome messages add a personal touch, enhancing the visitor experience.

	Affordable	2-Way Remote Audio/Video	Concierge Features	Multiple Check-In Options
TOM 				
Manned Options  RECEPTION				
Others 				

[Request a TOM Demonstration](#)



An existing IP security camera now powered with ROSS from RAD.

Unleash New Potential in Your Old Cameras with ROSS

- From RAD, the trusted leader in AI analytics for security & #proptech
- ROSS enables advanced capabilities from your existing cameras

Advanced Operations

- Employs customizable, escalating alerts

Seamless System Integration

- Connects legacy cameras to an AI-powered intelligence ecosystem
- Unlocks new, previously unthinkable tasks for legacy hardware

Innovative Software Solutions

- Minimized hardware requirements
- Repurpose existing cameras with new, robust applications from RAD

Revitalize Your Legacy Security Cameras with ROSS™ (RAD Operations System Software)

Unlock unparalleled capabilities with RAD's ROSS (RAD Operations System Software), bridging the technological gap between your existing IP security cameras and the futuristic, data-driven demands of modern surveillance, security, and safety. Traditional security cameras, once constrained to mere observation and recording, can now be integrated into the RAD ecosystem, enabling these passive cameras to now harness the potent power of cutting-edge AI analytics. ROSS empowers your previously deployed cameras with an extensive suite of intelligent features such as advanced object detection, perimeter breach alerts, and loitering detection, thereby not only extending their functional lifespan but also amplifying their operational efficiency and effectiveness in safeguarding your facilities and assets.

Elevate Security Management with Intelligent, Real-time Alerts




Immerse yourself in a world where your legacy security infrastructure changes into a dynamic, smart surveillance network with ROSS. Imagine the immense value in transforming static, observational devices into proactive, intelligent units capable of real-time threat detection and instant notification. ROSS enables your traditional cameras to identify, analyze, and respond to various security scenarios by deploying immediate notifications, SMS alerts, and automated response systems, ensuring that your security personnel are always a step ahead in managing and mitigating potential threats. Moreover, with customizable alerts and responses, your existing cameras can now interactively engage with evolving situational dynamics, providing a scalable, adaptive, and robust security solution that stands the test of time.



ROAMEO 3.0 (Rugged Observation Assistance Mobile Electronic Officer)

**COMING
SOON**

Be prepared to step into the future of security with ROAMEO 3.0, where technology and innovation converge to create an impenetrable shield of vigilance over your properties and facilities. Imagine a security officer that never tires, always vigilant, and perpetually enveloped in a halo of high-tech prowess; that's ROAMEO 3.0 in a nutshell. This awe-inspiring automated wonder is not just a mobile robot; it's a symphony of cutting-edge AI analytics, robust video surveillance, and genial interactive communications, all packaged in a sleek, awe-inspiring design that moves gracefully at speeds of up to 12 mph. With a 360-degree field of view, ROAMEO 3.0 does not just see; it observes, analyzes, and acts, providing a security presence that is as empathetic and interactive as it is steadfast and impenetrable.

		Rugged Outdoor Use	Coordinated Patrols w/ other RAD Robots	Traverse Tough Terrain	Able to 'See' Over Vehicles
ROAMEO		✓	✓	✓	✓
Others		✗	✗	✗	✗
		✗	✗	✗	✗

Engage with the future, where ROAMEO 3.0 is not just a security robot; it's your steadfast guardian, efficient concierge, ensuring safety is always in sight.

[Request a ROAMEO Presentation](#)



ROAMEO 3.0 on an autonomous patrol.

RADSoC™ - Data at Your Fingertips on Any Platform

real time
visibility

easy device
customization

mobile
alerts

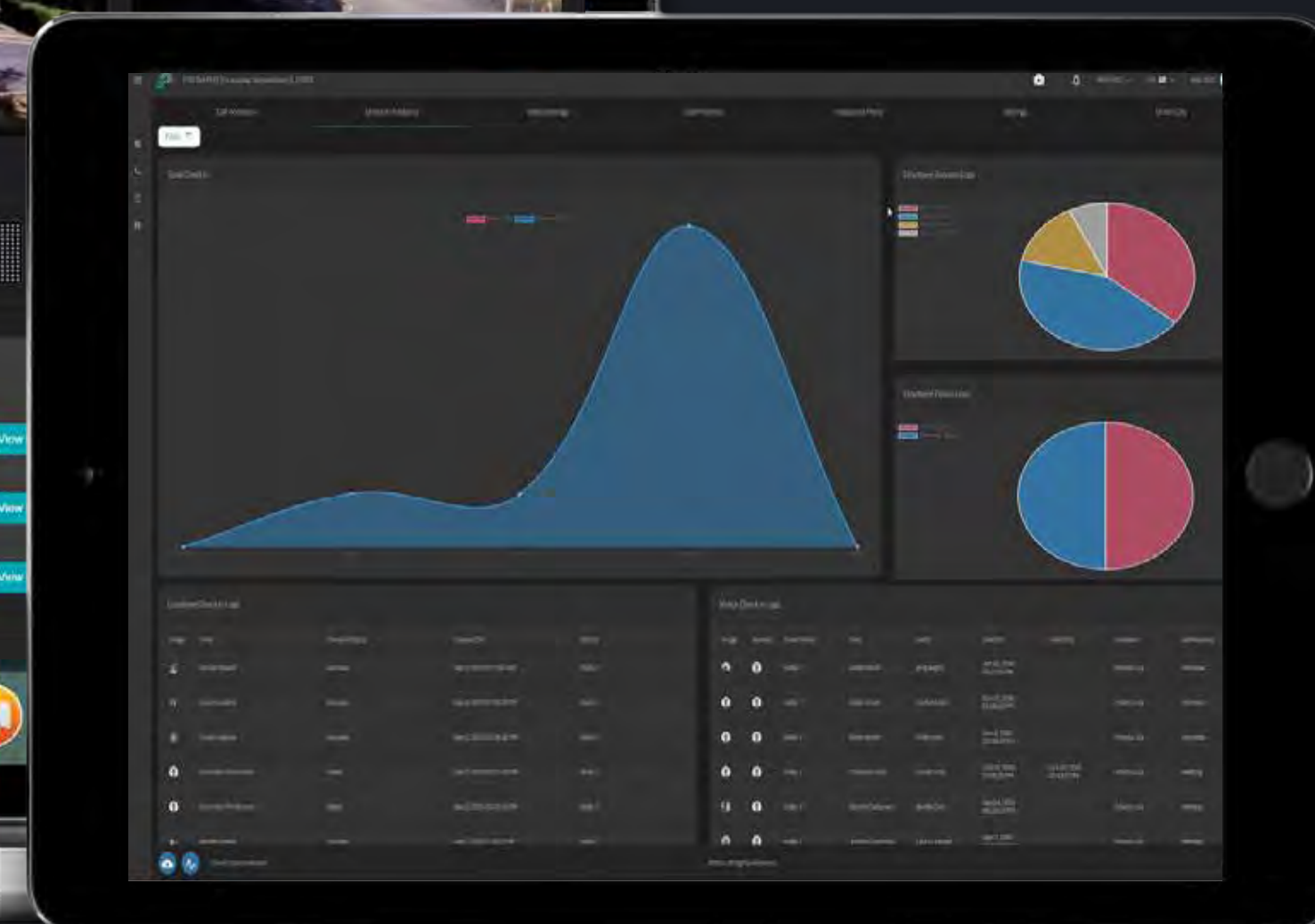
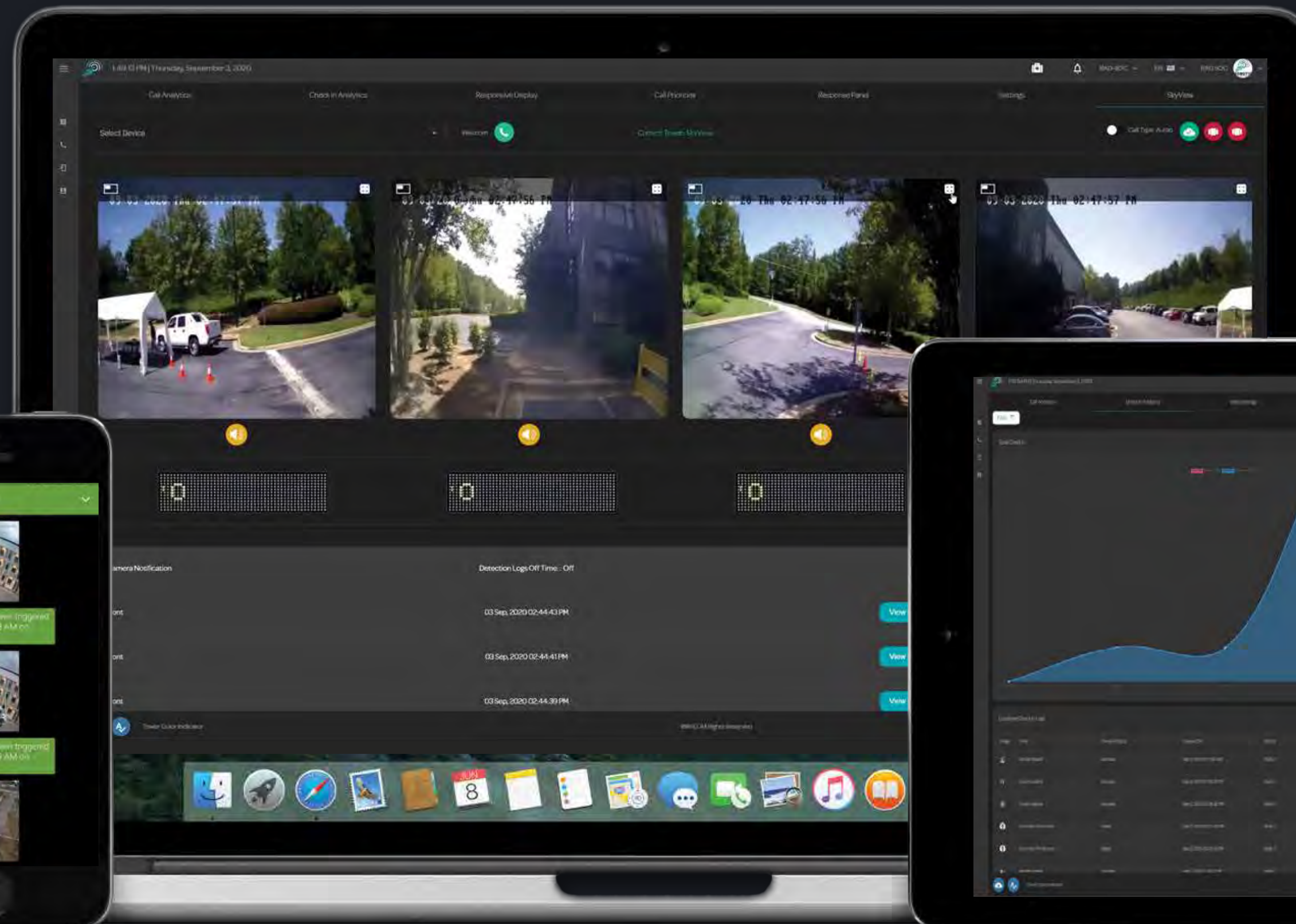
metrics

incident data
analysis and
management

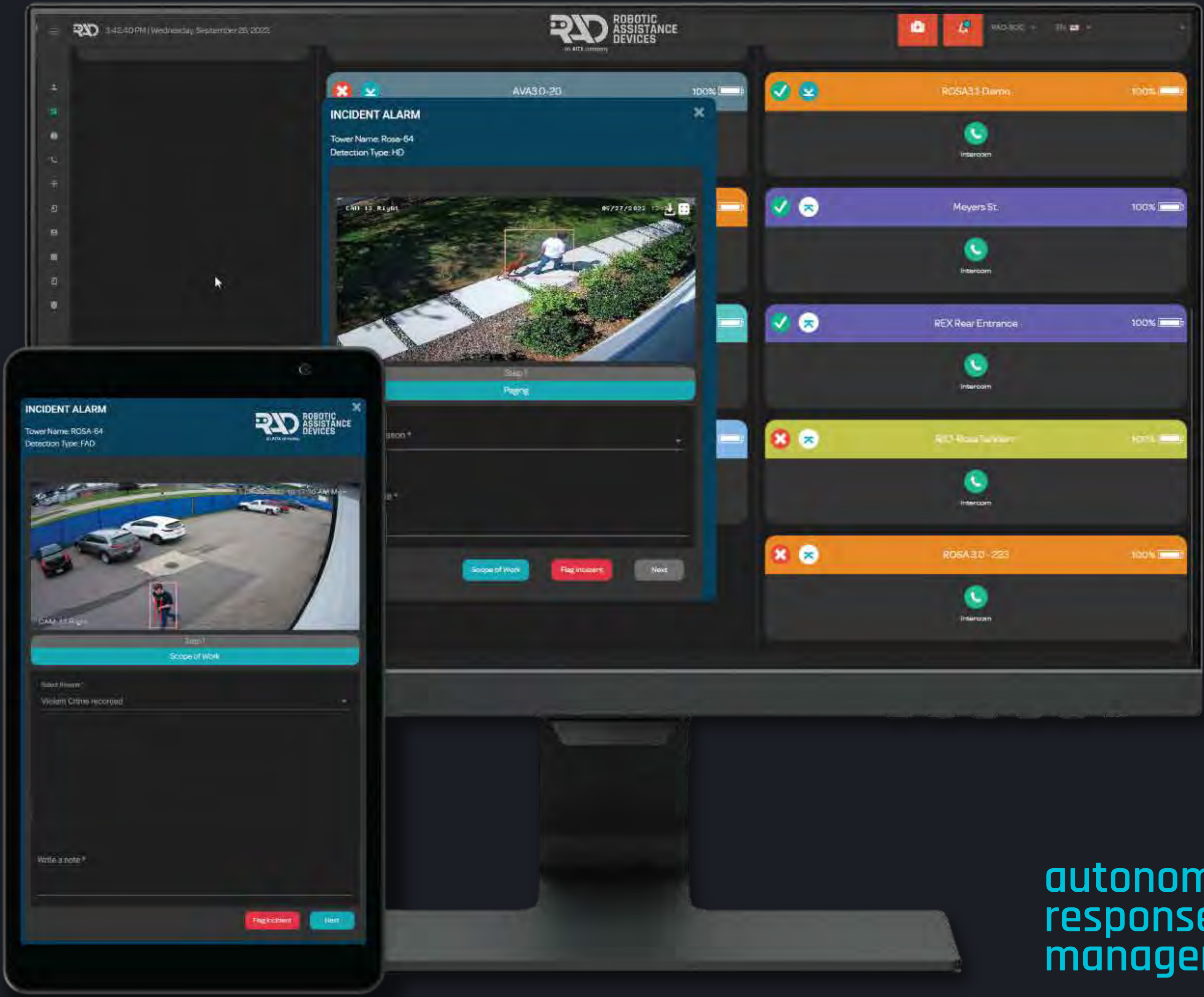
easily initiate
audio 'talk down'
through RAD device

customize
autonomous
response escalation

note: RAD device subscriptions include an unlimited number of user licenses to all software applications



Incident Management - Now Part of RADSoC



compare to
SureView™
and Immix™

integrate with
existing cameras

full multi-step
instructions with
timed reactions

central platform to
engage suspects

central platform to
activate accessories
(i.e. lockdown procedures)

full suite of
metrics

autonomous
response escalation
management

note: RAD device subscriptions include an unlimited number of user licenses to all software applications

RADMobile™ - Situational Awareness While On the Move!

real time
visibility



mobile
alerts

conveniently
initiate audio
'talk down'
through ROSA

note: RAD device subscriptions include an unlimited number of user licenses to all software applications



an AITX company

More security, less expense.
With RAD it's inevitable.

877-78-ROBOT

info@radsecurity.com • www.radsecurity.com

Details subject to change without notice. Copyright 2023, Robotic Assistance Devices, Inc.

available from



866-703-7666

www.aus.com